

Abstract

A toner for developing electrostatic latent images comprising a colored resin particle containing a binder resin, a colorant, a charge control agent and a parting agent, has the following properties: (1) the colored resin particle has a volume average particle diameter (D_v) in the range of 4 to $9\mu\text{m}$; (2) the colored resin particle has an average circularity in the range of 0.93 to 0.995; (3) a share viscosity (η_1) at a temperature of 130° and a shear rate of $10/\text{s}$ is 3,500 to 8,000 $\text{Pa}\cdot\text{s}$; (4) a share viscosity (η_2) at a temperature of 130° and a shear rate of $500/\text{s}$ is 300 to 1,300 $\text{Pa}\cdot\text{s}$; and (5) a content A of a component having a volatilization temperature of 130°C or lower is 100ppm or smaller; (6) a content B of a component having a volatilization temperature of higher than 130°C to 180°C is 100ppm or smaller; (7) a total of the content A and the content B is 150ppm or smaller; and (8) a ratio of the content A to the content B is 1.0 or smaller. The toner has excellent hot-offset resistance and environmental durability and can be form an image with a stable image density.